

PATENT CLAIMS

1. A device for observing a display screen (2), comprising a large-surfaced visual medium (1) which may be arranged in front of the display screen (2), characterised in that the visual medium (1) has a focal width (f) of at least 615 mm.
2. A device according to one of the preceding claims, characterised in that it is optimised for observing a complete display screen (2) with both eyes (4).
3. A device according to claim 1, characterised in that it is envisaged for an eye distance (a) of more than 220 mm.
4. A device according to claim 2, characterised in that it is envisaged for an eye distance (a) of 220 mm to 1500 mm.
5. A device according to one of the preceding claims, characterised in that it is envisaged for an object distance (g) of 100 mm to 1500 mm.
6. A device according to one of the preceding claims, characterised in that it has a focal width (f) of 620 mm to 2000 mm.
7. A device according to one of the preceding claims, characterised in that it has a focal width (f) of more than 800 mm.
8. A device according to one of the preceding claims, characterised in that it has a diameter of 250 mm to 1000 mm.
9. A device according to one of the preceding claims, characterised in that it has a diameter of more than 370 mm.
10. A device according to one of the preceding claims, characterised in that it comprises a system of several lenses.
11. A device according to claim 1 to 9, characterised in that it comprises a single lens l.
12. A device according to claim 11, characterised in that the lens (l) is plano-convex, concave-convex or biconvex.

13. A device according to claim 12, characterised in that the lens (1) is biconvex and has a first radius of curvature (r_1) in the region of 300 mm to 1'000 mm and a second radius of curvature (r_2) in the region of -600 mm to -10'000 mm.
14. A device according to claim 12, characterised in that the lens (1) is concave-convex and comprises a first radius of curvature (r_1) in the region of 300 mm to 1'000 mm and a second radius of curvature (r_2) in the region of 1'000 mm to 10'000 mm.
15. A device according to claim 12, characterised in that the lens (1) is plano-convex, and has a radius of curvature in the region between 550 mm and 660 mm, preferably between 585 mm and 605 mm.
16. A device according to one of the preceding claims, characterised in that the lens is antireflected at least on one side by way of a film which is stuck on, or a laminate.
17. A device according to one of the preceding claims, characterised in that the lens is antireflected at least on one side by way of one or more optically active layers which are vapour deposited or deposited by an immersion method.
18. A device according to one of the preceding claims, comprising a holding means (53; 51,52) for arranging the visual medium (1) in front of the display screen (2).
19. A device according to claim 18, wherein the holding means is an adjustable arm (53) with several degrees of freedom which may be fastened on a table (54).
10. A device according to claim 18, wherein the holding means is a table stand (51) with means (52) for adjusting the height and/or inclination of the visual medium (1).